

HMGB1 polyclonal antibody

Catalog: BS90650

Host: Rabbit

Reactivity: Human,mouse,rat

BackGround:

Like the histones, HMGB1, also known as high-mobility group protein 1 (HMG-1) is among the most important chromatin proteins. In the nucleus HMGB1 interacts with nucleosomes, transcription factors, and histones. This nuclear protein organizes the DNA and regulates transcription. After binding, HMGB1 bends DNA, which facilitates the binding of other proteins. HMGB1 is secreted by immune cells through leaderless secretory pathway. Activated macrophages and monocytes secrete HMGB1 as a cytokine mediator of Inflammation. In recent research, HMGB1 has been reported as a novel biomarker for human ovarian cancer.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

25 kDa

Swiss-Prot:

P09429

Purification&Purity:

Peptide affinity purified

Applications:

WB:1:500-1:1,000

ICC:1:200

IHC:1:200

FC:1:50-1:100

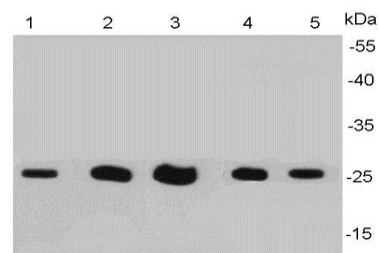
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

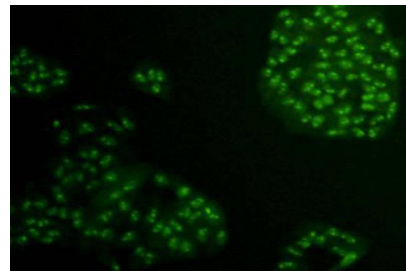
Specificity:

HMGB1 polyclonal antibody detects endogenous levels of HMGB1 protein.

DATA:



Western blot analysis of HMGB1 on different cell lysates using anti-HMGB1 antibody at 1/500 dilution. Positive control: Lane1: HepG2 Lane2: MCF-7 Lane3: F9 Lane4: A549 Lane5: PC12



ICC staining HMGB1 in HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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